RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/535,629_
Source: _PU_
Date Processed by STIC: _5/27/05_

ENTERED

PCT

```
     5 <110> APPLICANT: Innogenetics N.V.
     9 <120> TITLE OF INVENTION: Detection, identification and differentiation of eubacterial
taxa using a
    10        hybridization assay
    14 <130> FILE REFERENCE: 146
C--> 18 <140> CURRENT APPLICATION NUMBER: US/10/535,629
C--> 18 <141> CURRENT FILING DATE: 2005-05-20
    18 <150> PRIOR APPLICATION NUMBER: 02447248.2
    20 <151> PRIOR FILING DATE: 2002-12-06
    24 <160> NUMBER OF SEQ ID NOS: 84
    28 <170> SOFTWARE: PatentIn version 3.1
    32 <210> SEQ ID NO: 1
    34 <211> LENGTH: 64
    36 <212> TYPE: DNA
    38 <213> ORGANISM: enterococcus
    42 <400> SEQUENCE: 1
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    45 gaat                                                                  64
    48 <210> SEQ ID NO: 2
    50 <211> LENGTH: 65
    52 <212> TYPE: DNA
    54 <213> ORGANISM: enterococcus
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    59 gttcattgaa aactggatat ttgaagtaaa tgtaagtaat acaaaccgag aacaccgcgt      60
    61 tgaat                                                                 65
    64 <210> SEQ ID NO: 3
    66 <211> LENGTH: 22
    68 <212> TYPE: DNA
    70 <213> ORGANISM: enterococcus
    74 <400> SEQUENCE: 3
    75 actttgttca gttttgagag gt                                              22
    78 <210> SEQ ID NO: 4
    80 <211> LENGTH: 24
    82 <212> TYPE: DNA
    84 <213> ORGANISM: enterococcus
    88 <400> SEQUENCE: 4
    89 tttactttgt tcagttttga gagg                                            24
    92 <210> SEQ ID NO: 5
    94 <211> LENGTH: 23
    96 <212> TYPE: DNA
    98 <213> ORGANISM: enterococcus
   102 <400> SEQUENCE: 5
   103 tactttgttc agttttgaga ggt                                             23
   106 <210> SEQ ID NO: 6
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RAW SEQUENCE LISTING   DATE: 05/27/2005
PATENT APPLICATION: US/10/535,629   TIME: 10:51:57

Input Set : A:\PTO.DA.txt
Output Set: N:\CRF4\05272005\J535629.raw

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108 <211> LENGTH: 25
110 <212> TYPE: DNA
112 <213> ORGANISM: enterococcus
116 <400> SEQUENCE: 6
117 tttactttgt tcagttttga gaggt                                     25
120 <210> SEQ ID NO: 7
122 <211> LENGTH: 23
124 <212> TYPE: DNA
126 <213> ORGANISM: enterococcus
130 <400> SEQUENCE: 7
131 tttactttgt tcagttttga gag                                       23
134 <210> SEQ ID NO: 8
136 <211> LENGTH: 18
138 <212> TYPE: DNA
140 <213> ORGANISM: enterococcus
144 <400> SEQUENCE: 8
145 tacaaaccga gaacaccg                                             18
148 <210> SEQ ID NO: 9
150 <211> LENGTH: 22
152 <212> TYPE: DNA
154 <213> ORGANISM: enterococcus
158 <400> SEQUENCE: 9
159 cctcctttct aaggaatatc gg                                        22
162 <210> SEQ ID NO: 10
164 <211> LENGTH: 21
166 <212> TYPE: DNA
168 <213> ORGANISM: enterococcus
172 <400> SEQUENCE: 10
173 ctcctttcta aggaatatcg g                                         21
176 <210> SEQ ID NO: 11
178 <211> LENGTH: 19
180 <212> TYPE: DNA
182 <213> ORGANISM: enterococcus
186 <400> SEQUENCE: 11
187 gttcattgaa aactggata                                            19
190 <210> SEQ ID NO: 12
192 <211> LENGTH: 19
194 <212> TYPE: DNA
196 <213> ORGANISM: enterococcus
200 <400> SEQUENCE: 12
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204 <210> SEQ ID NO: 13
206 <211> LENGTH: 21
208 <212> TYPE: DNA
210 <213> ORGANISM: enterococcus
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218 <210> SEQ ID NO: 14
220 <211> LENGTH: 18
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224 <213> ORGANISM: enterococcus
228 <400> SEQUENCE: 14
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234 <211> LENGTH: 18
236 <212> TYPE: DNA
238 <213> ORGANISM: enterococcus
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243 ttatcaacct tgcggttg                                              18
246 <210> SEQ ID NO: 16
248 <211> LENGTH: 21
250 <212> TYPE: DNA
252 <213> ORGANISM: enterococcus
256 <400> SEQUENCE: 16
257 ttatcaacct tacggttggg t                                          21
260 <210> SEQ ID NO: 17
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266 <213> ORGANISM: enterococcus
270 <400> SEQUENCE: 17
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274 <210> SEQ ID NO: 18
276 <211> LENGTH: 24
278 <212> TYPE: DNA
280 <213> ORGANISM: enterococcus
284 <400> SEQUENCE: 18
285 gcaattgaac ttattaaaaa actc                                       24
288 <210> SEQ ID NO: 19
290 <211> LENGTH: 25
292 <212> TYPE: DNA
294 <213> ORGANISM: enterococcus
298 <400> SEQUENCE: 19
299 agcaattgaa cttattaaaa aactc                                      25
302 <210> SEQ ID NO: 20
304 <211> LENGTH: 22
306 <212> TYPE: DNA
308 <213> ORGANISM: enterococcus
312 <400> SEQUENCE: 20
313 gcaattgaac ttattaaaaa ac                                         22
316 <210> SEQ ID NO: 21
318 <211> LENGTH: 19
320 <212> TYPE: DNA
322 <213> ORGANISM: enterococcus
326 <400> SEQUENCE: 21
327 attcaacgcg gtgttctcg                                             19
330 <210> SEQ ID NO: 22
332 <211> LENGTH: 32
334 <212> TYPE: DNA
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RAW SEQUENCE LISTING   DATE: 05/27/2005
PATENT APPLICATION: US/10/535,629   TIME: 10:51:57

Input Set : A:\PTO.DA.txt
Output Set: N:\CRF4\05272005\J535629.raw

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344 <210> SEQ ID NO: 23
346 <211> LENGTH: 33
348 <212> TYPE: DNA
350 <213> ORGANISM: enterococcus
354 <400> SEQUENCE: 23
355 ttttgattct ttttacttca atatccagtt ttc                             33
358 <210> SEQ ID NO: 24
360 <211> LENGTH: 44
362 <212> TYPE: DNA
364 <213> ORGANISM: enterococcus
368 <400> SEQUENCE: 24
369 ttttgattct ttttacttca atatccagtt ttcaatgaac gaat                 44
372 <210> SEQ ID NO: 25
374 <211> LENGTH: 30
376 <212> TYPE: DNA
378 <213> ORGANISM: enterococcus
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383 tttacttcaa tatccagttt tcaatgaacg                                 30
386 <210> SEQ ID NO: 26
388 <211> LENGTH: 22
390 <212> TYPE: DNA
392 <213> ORGANISM: enterococcus
396 <400> SEQUENCE: 26
397 atccagtttt caatgaacga at                                         22
400 <210> SEQ ID NO: 27
402 <211> LENGTH: 31
404 <212> TYPE: DNA
406 <213> ORGANISM: enterococcus
410 <400> SEQUENCE: 27
411 ggaatattac ggaaatacac atttcgtctt t                               31
414 <210> SEQ ID NO: 28
416 <211> LENGTH: 35
418 <212> TYPE: DNA
420 <213> ORGANISM: enterococcus
424 <400> SEQUENCE: 28
425 gaaaactgga tattgaagta aaaagaatca aaaca                           35
428 <210> SEQ ID NO: 29
430 <211> LENGTH: 26
432 <212> TYPE: DNA
434 <213> ORGANISM: enterococcus
438 <400> SEQUENCE: 29
439 ctggatattg aagtaaaaag aatcaa                                     26
442 <210> SEQ ID NO: 30
444 <211> LENGTH: 32
446 <212> TYPE: DNA
448 <213> ORGANISM: enterococcus
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452 <400> SEQUENCE: 30
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456 <210> SEQ ID NO: 31
458 <211> LENGTH: 29
460 <212> TYPE: DNA
462 <213> ORGANISM: enterococcus
466 <400> SEQUENCE: 31
467 gttcattgaa aactggatat tgaagtaaa                            29
470 <210> SEQ ID NO: 32
473 <211> LENGTH: 32
475 <212> TYPE: DNA
477 <213> ORGANISM: enterococcus
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482 cattgaaaac tggatatttg aagtaaaaag aa                        32
485 <210> SEQ ID NO: 33
487 <211> LENGTH: 29
489 <212> TYPE: DNA
491 <213> ORGANISM: enterococcus
495 <400> SEQUENCE: 33
496 tgaaaactgg atatttgaag taaaaagaa                            29
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501 <211> LENGTH: 26
503 <212> TYPE: DNA
505 <213> ORGANISM: enterococcus
509 <400> SEQUENCE: 34
510 aactggatat tgaagtaaaa agaatc                               26
513 <210> SEQ ID NO: 35
515 <211> LENGTH: 27
517 <212> TYPE: DNA
519 <213> ORGANISM: enterococcus
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524 ggatattgaa gtaaaaagaa tcaaaac                              27
527 <210> SEQ ID NO: 36
529 <211> LENGTH: 29
531 <212> TYPE: DNA
533 <213> ORGANISM: enterococcus
537 <400> SEQUENCE: 36
538 ctggatattg aagtaaaaag aatcaaaac                            29
541 <210> SEQ ID NO: 37
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545 <212> TYPE: DNA
547 <213> ORGANISM: enterococcus
551 <400> SEQUENCE: 37
552 ctggatattg aagtaaaaag aatcaaaac                            29
555 <210> SEQ ID NO: 38
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559 <212> TYPE: DNA
561 <213> ORGANISM: enterococcus
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/27/2005
PATENT APPLICATION: **US/10/535,629**   TIME: 10:51:58

Input Set : **A:\PTO.DA.txt**
Output Set: **N:\CRF4\05272005\J535629.raw**

<u>Invalid Line Length:</u>
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 9

VERIFICATION SUMMARY.   DATE: 05/27/2005
PATENT APPLICATION: **US/10/535,629**   TIME: 10:51:58

Input Set : **A:\PTO.DA.txt**
Output Set: **N:\CRF4\05272005\J535629.raw**

L:18 M:270 C: Current Application Number differs, Replaced Current Application No
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date